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LeaderBoard & Prev Day Solution

DAILY CHALLENGE

ProgramID- 6069



SkillRack

Pattern Printing - X Pattern with Asterisk

Accept a number N as the input. The program must print the X pattern as shown in the Example Input/Output Section as the output. (Note: Spaces should be replaced with asterisk)

Boundary Condition(s): $2 \leq N \leq 50$ **Input Format:**

The first line contains the value of N.

Output Format:

The list of lines contain the desired pattern.

Example Input/Output 1:

Input:

4

Output:

1*****1

*2***2*

3*3

4

3*3

*2***2*

1*****1

Example Input/Output 2:

Input:

5

Output:

```

1*****1
*2*****2*
**3***3**
***4*4***
****5****
***4*4***
**3***3**
*2*****2*
1*****1

```

Max Execution Time Limit: 5000 millisecs

Ambiance



Java (12.0)



Reset

```

1▼ import java.util.*;
2▼ public class Hello {
3
4▼     public static void main(String[] args) {
5         Scanner sc=new Scanner(System.in);
6         int n=sc.nextInt();
7         int p=1;
8         int m=n;
9▼         for(int i=0;i<n*2-1;i++){
10▼             for(int j=0;j<n*2-1;j++){
11
12                 if(i==j)
13▼                 {
14                     if(p>n-1) System.out.print(m);
15                     else System.out.print(p);
16                 }
17                 else if(i+j==n*2-2)
18▼                 {
19                     if(p>n-1) System.out.print(m);
20                     else System.out.print(p);
21                 }
22                 else System.out.print("*");
23             }
24▼             if(p>n-1){
25                 m--;
26             }
27▼             else{
28                 n++;

```

```
29  
30  
31  
32  
33  
34  
35
```

```
}  
System.out.println();  
  
}  
  
}
```

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Code did not pass the execution

Input:

4

Expected Output:

```
1*****1  
*2***2*  
**3*3**  
***4***  
**3*3**  
*2***2*  
1*****1
```

Your Program Output:

```
1*****1  
*2*****2*  
**3**3**  
***44***  
**3*3***  
*2***2**  
1*****1*
```

Save

Run

☐ Run with a custom test case (Input/Output)

